

GenCore version 4.5
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OM protein - protein search, using sw model

Run on: August 28, 2002, 17:31:42 ; Search time 30.03 Seconds
(without alignments)
171.622 Million cell updates/sec

Title: US-09-502-984B-6

Perfect score: 1098

Sequence: 1 KFEKKAALLAARPEELLCTERLEDDLVCFEEDASAGVGNFSFPLEDEPMKLCRL 211

Scoring table:

BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 231628 seqs, 24425594 residues

Total number of hits satisfying chosen parameters: 231628

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%

Listing first 45 summaries

Database :

Issued_Patents_AA:*
1: /cgn2_6/ptodata/2/1aa/5A.COMB.pep:*
2: /cgn2_6/ptodata/2/1aa/5B.COMB.pep:*
3: /cgn2_6/ptodata/2/1aa/6A.COMB.pep:*
4: /cgn2_6/ptodata/2/1aa/6B.COMB.pep:*
5: /cgn2_6/ptodata/2/1aa/6C.COMB.pep:*
6: /cgn2_6/ptodata/2/1aa/6D.COMB.pep:*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1060	96.5	488	US-08-776-511-2	Sequence 2, Appl1
2	1053	95.9	508	US-08-850-293-5	Sequence 5, Appl1
3	190.5	17.3	185	US-07-676-647-10	Sequence 10, Appl1
4	190.5	17.3	185	US-08-449-329-10	Sequence 10, Appl1
5	190.5	17.3	185	US-08-445-073-10	Sequence 10, Appl1
6	190.5	17.3	185	US-08-585-258-10	Sequence 10, Appl1
7	190.5	17.3	185	US-09-211-590-10	Sequence 10, Appl1
8	190.5	17.3	185	PCT-US91-03896-10	Sequence 10, Appl1
9	167	15.2	482	US-08-184-327A-8	Sequence 8, Appl1
10	167	15.2	482	PCT-US95-00670-8	Sequence 8, Appl1
11	166	15.1	633	US-08-250-859-17	Sequence 17, Appl1
12	166	15.1	633	US-08-490-803-17	Sequence 17, Appl1
13	166	15.1	633	US-08-457-254-7	Sequence 17, Appl1
14	166	15.1	633	PCT-US94-08806-17	Sequence 17, Appl1
15	166	15.1	633	PCT-US95-01775-17	Sequence 17, Appl1
16	166	15.1	633	PCT-US95-16626-7	Sequence 7, Appl1
17	164	14.9	626	US-08-184-327A-2	Sequence 2, Appl1
18	164	14.9	626	PCT-US95-00670-2	Sequence 2, Appl1
19	160	14.6	30	US-08-280-864A-7	Sequence 7, Appl1
20	160	14.6	30	US-09-092-291-7	Sequence 7, Appl1
21	146	13.3	448	US-08-078-311-12	Sequence 12, Appl1
22	146	13.3	448	US-08-460-402-12	Sequence 12, Appl1
23	146	13.3	493	US-08-078-311-7	Sequence 7, Appl1
24	146	13.3	493	US-08-460-402-7	Sequence 7, Appl1
25	146	13.3	635	US-08-184-327A-4	Sequence 4, Appl1
26	146	13.3	635	US-08-078-311-1	Sequence 1, Appl1
27	146	13.3	635	US-08-460-402-1	Sequence 1, Appl1

28	146	13.3	635	PCT-US95-00670-4	Sequence 4, Appl1
29	145	13.2	29	US-08-280-864A-8	Sequence 8, Appl1
30	145	13.2	29	US-09-092-291-8	Sequence 8, Appl1
31	145	13.2	30	US-08-280-864A-10	Sequence 10, Appl1
32	145	13.2	30	US-09-092-291-10	Sequence 10, Appl1
33	144	13.1	31	US-08-078-311-28	Sequence 28, Appl1
34	144	13.1	31	US-08-460-402-28	Sequence 28, Appl1
35	143	13.0	30	US-08-280-864A-9	Sequence 9, Appl1
36	143	13.0	30	US-09-092-291-9	Sequence 9, Appl1
37	142	12.9	30	US-08-280-864A-11	Sequence 11, Appl1
38	142	12.9	30	US-09-092-291-11	Sequence 11, Appl1
39	134	12.2	30	US-08-280-864A-12	Sequence 12, Appl1
40	134	12.2	30	US-09-092-291-12	Sequence 12, Appl1
41	127	11.6	32	US-08-280-864A-13	Sequence 13, Appl1
42	127	11.6	32	US-09-092-291-13	Sequence 13, Appl1
43	123.5	11.2	389	US-09-071-224-24	Sequence 24, Appl1
44	122.5	11.2	303	US-09-071-224-23	Sequence 23, Appl1
45	122.5	11.2	389	US-09-071-224-22	Sequence 22, Appl1

ALIGNMENTS

RESULT 1
US-08-776-511-2
Sequence 2, Application US/08776511
Patent No. 6153190
GENERAL INFORMATION:
APPLICANT: Young, Peter R.
APPLICANT: Erickson-Miller, Connie
TITLE OF INVENTION: Method for Obtaining Receptor Agonist
TITLE OF INVENTION: Antibodies
NUMBER OF SEQUENCES: 13
CORRESPONDENCE ADDRESS:
ADDRESSEE: SmithKline Beecham Corporation- Corporate
ADDRESS: Patents
STREET: 709 Swedeland Road
CITY: King of Prussia
STATE: Pennsylvania
COUNTRY: USA
ZIP: 19406-2799
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/776,511
FILING DATE:
CLASSIFICATION: 424
ATTORNEY/AGENT INFORMATION:
NAME: Jervais, Herbert H.
REGISTRATION NUMBER: 31,171
REFERENCE/DOCKET NUMBER: SBC P50349-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 610-270-5015
TELEFAX: 610-270-5090
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 488 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-776-511-2

Query Match 96.5%; Score 1060; DB 4; Length 488;
Best Local Similarity 93.8%; Pred No. 1.4e-114;
Matches 198; Conservative 11; Mismatches 2; Indels 0; Gaps 0;
QY 1 KFEKKAALLAARPEELLCTERLEDDLVCFEEDASAGVGNFSFPLEDEPMKLCRL 60
DB 34 KFEKKAALLAARPEELLCTERLEDDLVCFEEDASAGVGNFSFPLEDEPMKLCRL 93

QY	61	HOPTAGATIEFWCSLEPTADSSVPELEKRTAASGAPRFRHYIHNVEVLLDAPGVLA	120
Db	94	HOAPTARKAVIEWCSLEPTADSSVPELEKRTAASGAPRFRHYIHNVEVLLDAPGVLA	153
QY	121	RLADESGHVIVRMPLPPEPTPTSHIREPLDSAGNGASVQVRELLGRTCEVLSNLRGR	180
Db	154	RLADESGHVIVRMPLPPEPTPTSHIRIREVDVSAGNGASVQVREILGRTCEVLSNLRGR	213
QY	181	TRITIAVARMAEPPFGGFMGSAMSEPSVLLT	211
Db	214	TRITPAVARMAEPPFGGFMGSAMSEPSVLLT	244

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: RESULT 2
: US-08-850-293-5
: Sequence 5, Application US/08850293
: Patent No. 5843726
: GENERAL INFORMATION:
: APPLICANT: Lee, Jong Y.
: TITLE OF INVENTION: PURIFIED HUMAN ERYTHROPOIETIN RECEPTOR
: TITLE OF INVENTION: PROTEIN FRAGMENT AND ANTIBODIES DERIVED THEREFROM
: NUMBER OF SEQUENCES: 5
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Fish & Richardson P.C., P.A.
: STREET: 60 South Sixth Street, Suite 3300
: CITY: Minneapolis
: STATE: MN
: COUNTRY: USA
: ZIP: 55402
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM compatible
: OPERATING SYSTEM: DOS
: SOFTWARE: Fastseq for Windows Version 2.0
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/850,293
: FILING DATE: 05-MAY-1997
: CLASSIFICATION: 435
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/499,643
: FILING DATE: 07-JUL-1995
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/106,815
: FILING DATE: 16-AUG-1993
: ATTORNEY/AGENT INFORMATION:
: NAME: Ellinger, Mark S.
: REGISTRATION NUMBER: 34,812
: REFERENCE/DOCKET NUMBER: 07004/002001
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 612/335-5070
: TELEFAX: 612/288-9696
: INFORMATION FOR SEQ ID NO: 5:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 508 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: US-08-850-293-5

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Query Match	95.98;	Score 1053;	DB 2;	length 508;
Best Local Similarity	93.48;	Pred. No. 9.6e-114;		
Matches 197;	Conservative 11;	Mismatches 3;	Indels 0;	Gaps 0;

Oy	1	KFESEAAIILANGPELLEICFERIEDIYCFEEEAASAGVGNGNS:FFOJEDDEPMKICRL	60
Db	34	KFESEAAIILANGPELLEICFERIEDIYCFEEEAASAGVGNGNS:FFOJEDDEPMKICRL	93
Oy	61	HOAPPAKARATFWCSLPIADTSSFEYLELRITAAASGAPRHRVTHINEVLLDAPGVLA	120
Db	94	HOAPPAKARAVFWCSLPIADTSSFEYLELRITAAASGAPRHRVTHINEVLLDAPGVLA	153

Oy	121	RLADESHVAVRWLPPEPTPMTSIRFELDLSAGNGSGVOARELLEGRTECVLSNLGR	160
Dd	154	RLADESHVAVRWLPPEPTPMTSIRREVDVDSAGNGSGVOARELLEGRTECVLSNLGR	213
Oy	181	TRITIAVARARMAEBSFGGFSMSAMEEPISLT	211
Dd	214	TRITFAVARARMAEBSFGGFSMSAMEEPISLT	244

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1      RESULT      3
2      US-07-676-647-10
3      : Sequence 10, Application US/07676647
4      : Patent No. 5426117
5      : GENERAL INFORMATION:
6      : APPLICANT: Davis, Samuel
7      : APPLICANT: Squinto, Stephen P.
8      : APPLICANT: Furlt, Mark E.
9      : APPLICANT: Yancopoulos, George D.
10     : TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
11     : NUMBER OF SEQUENCES: 15
12     : CORRESPONDENCE ADDRESS:
13     : ADDRESSEE: Pennie & Edmonds
14     : STREET: 1155 Avenue of the Americas
15     : CITY: New York
16     : STATE: New York
17     : COUNTRY: U.S.A.
18     : ZIP: 10036
19     :
20     : COMPUTER READABLE FORM:
21     : MEDIUM TYPE: Floppy disk
22     : COMPUTER: IBM PC compatible
23     : OPERATING SYSTEM: PC-DOS/MS-DOS
24     : SOFTWARE: Patent Release #1.0, Version #1.25
25     :
26     : CURRENT APPLICATION DATA:
27     : APPLICATION NUMBER: US/07/676,647
28     : FILING DATE: 19910328
29     : CLASSIFICATION: 514
30     : ATTORNEY/AGENT INFORMATION:
31     : NAME: Mirock, S. Leslie
32     : REGISTRATION NUMBER: 18,872
33     : REFERENCE/DOCKET NUMBER: 6526-048
34     : TELECOMMUNICATION INFORMATION:
35     : TELEPHONE: 212 790-9090
36     : TELEFAX: 212 8698864/9741
37     : TELEX: 66141 PENNIE
38     : INFORMATION FOR SEQ ID NO: 10:
39     : SEQUENCE CHARACTERISTICS:
40     : LENGTH: 185 amino acids
41     : TYPE: AMINO ACID
42     : STRANDEDNESS: single
43     : TOPOLOGY: linear
44     : MOLECULE TYPE: peptide
45     :
46     : US-07-676-647-10

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Query Match	17.3%;	Score 190.5;	DB 1;	Length 185;
Best Local Similarity	28.5%;	Pred. No. 2.7e-14;		
Matches 53;	Conservative 5;	Mismatches 127;	Indels 1;	Gaps 1;

[illegible]

RESULT 4
US-08-449-329-10
; Sequence 10, Application US/08449329
; Patent No. 5648334
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furch, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/449,329
; FILING DATE:
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/700,677
; FILING DATE: 15-MAY-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-065
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
; US-08-449-329-10

Query Match 17.3%; Score 190.5; DB 1; Length 185;
Best Local Similarity 28.5%; Pred. No. 2.7e-14;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;
QY 19 CTERLEDLVCFEEAASAGVPGNFSFQLEDEPWKLCRLHOAPTARGAIRFMCSLPT 78
Db 1 CFTQLEDLVCFWXXXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 79 ADTSFVLELRLLTAAGAPRFRVHINEVLLDAPVGLVARLADSGHVYIRWLPPPE 138
Db 60 XXX 119
QY 139 TPMTSHIRELDISAGNGAGSVORVLELGRTECVLSNLRGRTITIAVRARMAEPSPFG 198
Db 120 XXX 179
QY 199 FWSAMS 204
Db 180 FWSAMS 185

RESULT 5
US-08-445-073-10

; Sequence 10, Application US/08445073
; Patent No. 5849897
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furch, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/445,073
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,647
; FILING DATE: 28-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-048
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 8698864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; US-08-445-073-10

Query Match 17.3%; Score 190.5; DB 2; Length 185;
Best Local Similarity 28.5%; Pred. No. 2.7e-14;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;
QY 19 CTERLEDLVCFEEAASAGVPGNFSFQLEDEPWKLCRLHOAPTARGAIRFMCSLPT 78
Db 1 CFTQLEDLVCFWXXXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 79 ADTSFVLELRLLTAAGAPRFRVHINEVLLDAPVGLVARLADSGHVYIRWLPPPE 138
Db 60 XXX 119
QY 139 TPMTSHIRELDISAGNGAGSVORVLELGRTECVLSNLRGRTITIAVRARMAEPSPFG 198
Db 120 XXX 179
QY 199 FWSAMS 204
Db 180 FWSAMS 185

RESULT 6
US-08-585-258-10
; Sequence 10, Application US/08585258
; Patent No. 5892003
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel

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; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furtth, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/585,258
; FILING DATE: 11-JAN-1996
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/001,904
; FILING DATE:
; APPLICATION NUMBER: US/07/700,677
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-065
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: unknown
; MOLECULE TYPE: peptide
US-08-585-258-10

Query Match          17.3%; Score 190.5; DB 2; Length 185;
Best Local Similarity 28.5%; Pred. No. 2.7e-14;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;
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DB 1 CFTQRELDVCFWXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 79 ADTSFPELRLTAASGARFRHVIHNEVLLDAPVGLVARLADSGHVIRLPPPE 138
    |||:|||||:
DB 60 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPAGLLARAECSHVLRWXXXX 119
    |||:|||||:
QY 139 TPMTSHIRFELDISAGNGASVQVELLEGRTCVLSNLRGRTRTITAVARNAPEPSFG 198
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DB 120 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPAGLLARAECSHVLRWXXXX 179
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QY 199 FWSAWS 204
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DB 180 FWSAWS 185

RESULT 7
; Sequence 10, Application US/09211590
; Patent No. 6316206
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furtth, Mark E.
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; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/211,590
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/676,647
; FILING DATE: 28-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Mistrock, S. Leslie
; REGISTRATION NUMBER: 18,872
; REFERENCE/DOCKET NUMBER: 6526-048
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212 790-9090
; TELEFAX: 212 869864/9741
; TELEX: 66141 PENNIE
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 185 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
US-09-211-590-10

Query Match          17.3%; Score 190.5; DB 4; Length 185;
Best Local Similarity 28.5%; Pred. No. 2.7e-14;
Matches 53; Conservative 5; Mismatches 127; Indels 1; Gaps 1;
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QY 19 CFTERLEDVCFEEDASAGVGPNGFSFQLEDEPKLCRLHOAPTARCAIRFWCSLPT 78
    |||:|||||:
DB 1 CFTQRELDVCFWXXXXXXXX-XXXXXXXXXXXXXXXXXXXXXXXXXXXXCXXXX 59
QY 79 ADTSFPELRLTAASGARFRHVIHNEVLLDAPVGLVARLADSGHVIRLPPPE 138
    |||:|||||:
DB 60 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPAGLLARAECSHVLRWXXXX 119
    |||:|||||:
QY 139 TPMTSHIRFELDISAGNGASVQVELLEGRTCVLSNLRGRTRTITAVARNAPEPSFG 198
    |||:|||||:
DB 120 XXXXXXXXXXXXXXXXXXXXXXXXIHINEVLLDAPAGLLARAECSHVLRWXXXX 179
    |||:|||||:
QY 199 FWSAWS 204
    |||:|||||:
DB 180 FWSAWS 185

RESULT 8
PCT-US91-03896-10
; Sequence 10, Application PC/TUS9103896
; GENERAL INFORMATION:
; APPLICANT: Davis, Samuel
; APPLICANT: Squinto, Stephen P.
; APPLICANT: Furtth, Mark E.
; APPLICANT: Yancopoulos, George D.
; TITLE OF INVENTION: The Ciliary Neurotrophic Factor Receptor
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Pennie & Edmonds
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Db      25  SQDFELLATGEPENCSQFFEDLTCEWDEEAA--PSGTYQLLYAVRGEKPRACPLYSQ  82
QY      64  PTAGAIRFCMSLTAD-TSSFVPLELRITAA- GAFRFRVHINEVULLDPGLVAR  121
      83  SVPTFGTRGYCQFAQDEVRLEFFLRILVKNVSLNQTLLQRYLVFDSVSGLPAPPRVIKAR  142
QY      122  LADSGHVIVIR-PRPEPTPMTSHIRELDI---SAGNAGSVQRYRELLGRT-----  170
      143  GGSQPGELQIHWEAPAE--ISDLRLHRLKXGRPDDSNATAPSV--IQLLSTETCCPTLW  198
Db      171  -----ECVLSNMRGRTRITTAIVRA  189
QY      199  MPNFVPLDQPCVHPPTASQPHGEVTRTPAGAEAPFLTVKGGSCVLSGLAQGKSYMIQLRS  258
Db      190  RMAPSRGCFWMSAMSEPVSL  209
      259  QPDGVSILRGSGMGPWSFPPVY  278

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RESULT 13
US-08-457-254-7
; Sequence 7, Application US/08457254
; Patent No. 5986049

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GENERAL INFORMATION:
APPLICANT: Forstrom, John W
APPLICANT: Lofton-Day, Catherine E
APPLICANT: Lok, Si
TITLE OF INVENTION: PURIFIED THROMBOPOIETIN AND METHOD OF
TITLE OF INVENTION: MAKING IT
NUMBER OF SEQUENCES: 24
CORRESPONDENCE ADDRESS:
ADDRESSEE: Zymogenetics, Inc.
STREET: 1201 Eastlake Avenue East
City: Seattle
STATE: WA
COUNTRY: USA
ZIP: 98102
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/457,254
FILING DATE:
CLASSIFICATION: 514
ATTORNEY/AGENT INFORMATION:
NAME: Parker, Gary E
REGISTRATION NUMBER: 31,648
REFERENCE/DOCKET NUMBER: 94-11C1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 206-442-6673
TELEFAX: 206-442-6678
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 633 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein

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Query Match Similarity	15.14	Score	166	DB 2	Length	633			
Best Local Similarity	23.88	Pred. No.	1.1e-10						
Matches	62	Conservative	33	Mismatches	105	Indels	60	Gaps	8

[illegible]

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Oy 122 LADSGHVIMR-LPPPTPTMISHRELDI-----SAGNGAGSQVRELLEGRT----- 170
Db 143 GSGOGELOIHWEARPAPE--ISDFLRHRLRGYPTDSSNATAPSV--IQLLSTETCCPTLM 198
Oy 171 -----ECVLSNLRGTRTRITIAVRA 189
Db 199 MPNPVPLDDPPCYHPITASOPHGVRTISPAGEAPFLIVKGGSCVLSGLQAGKSTWILQIRS 258
Oy 190 RMAEPPFGGFNSAMSEPVSL 209
Db 259 QPDGVSILRGSMGPMSPFVTV 278

```

RESULT 14
PCT-US94-08806-17
Sequence 17 Analysis: PC/MT0408806

Sequence 77, Application FC/1053400800
: GENERAL INFORMATION:
: APPLICANT: ZymoGenetics, Inc.
: APPLICANT: 1201 Eastlake Avenue East
: APPLICANT: Seattle
: APPLICANT: WA
: APPLICANT: US
: APPLICANT: 98102
: APPLICANT: Seattle
: APPLICANT: University of Washington
: APPLICANT: WA
: APPLICANT: 98195
: TITLE OF INVENTION: HEMATOPOIETIC PROTEIN AND MATERIALS AND
: NUMBER OF SEQUENCES: 29
: TITLE OF INVENTION: METHODS FOR MAKING IT
: CORRESPONDENCE ADDRESS: ZymoGenetics, Inc.
: ADDRESS: 1201 Eastlake Avenue East
: CITY: Seattle
: STATE: WA
: COUNTRY: USA
: ZIP: 98102
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentm Release #1.0, Version #1.25
: CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US94/08806
 FILING DATE:
 CLASSIFICATION:
 ATTORNEY/AGENT INFORMATION:
 NAME: Parker, Gary E
 REGISTRATION NUMBER: 31-648
 REFERENCE/DOCKET NUMBER: 93-12PC
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 206-442-6600 ext 6673
 TELEFAX: 206-442-6678
 INFORMATION FOR SEQ ID NO: 17:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 633 amino acids
 TYPE: amino acid
 TOPOLOGY: linear
 MOLECULE TYPE: protein
 PCT-US94-08806-17

Query Match	15.1%	Score 166;	DB 5;	Length 633;
Best Local Similarity	23.8%	Pred. NO. 1.1e-10;		
Matches 62;	Conservative 33;	Mismatches 105;	Indels 60;	Gaps 8;

QY 4 SKALLIARGEBELLCTERIEDLVCFEEEAASGVGNPSPFQJDEDPWKLCTRHOA 63
 | : : : : | : : : : | : : : : | : : : : |
Dd 25 SQDFVLLALGTPEINCSQTFEDLTJCWDSEEA - PSGFYULLAYARGKPRACPLYSO 82
 | : : : : | : : : : | : : : : | : : : : |
QY 64 PTAGAIRFWMSLPTAD-TSSFPVLRLTRLAAS-GARFRHVHINENVLLDAPVGLVAR 121
 | : : : : | : : : : | : : : : | : : : : |

Db 83 SVPTFGIRVYCOQFPADEVRLLFFPLHLVKNVSLNQTLLIQRVLEFVDSVGLPAPPVITKAR 142
QY 122 LADESGHVIRW-LPPETPMTSHIRFELDI-----SAGNGAGSVQRYVELLEGRT----- 170
Db 143 GGSQPGELQIHWEAPAE--ISDFLRHRLRYGPTDSSNATAPSV--IQLISTETCCPTLW 198
QY 171 -----ECVLSNLRGRTRITIAVRA 189
Db 199 MPNPVPLDQPCVHPPTASQPHGPFVRTSPAGEAPFLTVKGGSCLVSLQAGKSYWLQLR 258
QY 190 RMAEPFSGFWSAMSEPVSL 209
Db 259 QPDGVSILRGSMGPMSPFVTV 278

RESULT 15
PCT-US95-01775-17
; Sequence 17, Application PC/TUS9501775
; GENERAL INFORMATION:
; APPLICANT: Zymogenetics, Inc.
; APPLICANT: 1201 Eastlake Avenue East
; APPLICANT: Seattle
; APPLICANT: WA
; APPLICANT: USA
; APPLICANT: 98102
; TITLE OF INVENTION: METHOD FOR PREPARING ORPHAN RECEPTOR LIGANDS
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Zymogenetics, Inc.
; STREET: 1201 Eastlake Avenue East
; CITY: Seattle
; STATE: WA
; COUNTRY: USA
; ZIP: 98102
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/01775
; FILING DATE:
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Parker, Gary E
; REGISTRATION NUMBER: 31-648
; REFERENCE/DOCKET NUMBER: 94-2PC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 206-442-6673
; TELEFAX: 206-442-6678
; INFORMATION FOR SEQ ID NO: 17:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 633 amino acids
; type: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; PCT-US95-01775-17

Query Match 15.1%; Score 166; DB 5; Length 633;
Best Local Similarity 23.8%; Pred. No. 1.1e-10;
Matches 62; Conservative 33; Mismatches 105; Indels 60; Gaps 8;

QY 4 SKAALAAAGPEELLCTERLEDLYCFEEAASAGVGRGNPSFSGLEDEPWKICRLHQA 63
Db 25 SQDVFLALGTETPLNCSQTFEDLTGCFWDEBAA--PSGYQLIYAYRGEKPRACPILYSQ 82
QY 64 PTARGAIRFWCSLPTAD-TSSFVPLELRLTAAS-GAPRFRVHIHNEVLLDAVGLVAR 121
Db 83 SVPTFGIRVYCOQFPADEVRLLFFPLHLVKNVSLNQTLLIQRVLEFVDSVGLPAPPVITKAR 142
QY 122 LADESGHVIRW-LPPETPMTSHIRFELDI-----SAGNGAGSVQRYVELLEGRT----- 170

Db 143 GGSQPGELQIHWEAPAE--ISDFLRHRLRYGPTDSSNATAPSV--IQLISTETCCPTLW 198
QY 171 -----ECVLSNLRGRTRITIAVRA 189
Db 199 MPNPVPLDQPCVHPPTASQPHGPFVRTSPAGEAPFLTVKGGSCLVSLQAGKSYWLQLR 258
QY 190 RMAEPFSGFWSAMSEPVSL 209
Db 259 QPDGVSILRGSMGPMSPFVTV 278

Search completed: August 28, 2002, 17:31:43
Job time: 574 sec

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